

Notice of Allowability

Application No.

09/626,100

Examiner

Andre Boyce

Applicant(s)

GERSTING, ADAM M.

Art Unit

3623

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Applicant's After-Final amendment filed July 6, 2005.
2. ☒ The allowed claim(s) is/are 2-16, 19 and 26.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☒ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☒ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☒ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


TARIQ R. HAFIZ
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 3000

DETAILED ACTION

Response to Amendment

1. The following is in response to Applicant's After-Final amendment filed July 6, 2005. Claims 2, 4, 9, 19, and 26 have been amended. Claims 1, 17, 18, and 20-25 have been canceled. Claims 2-16, 19, and 26 are pending.
2. The previously pending objection to claim 1 has been withdrawn.

Reasons for Allowance

3. Claims 2-16, 19, and 26 are allowed.
4. The following is an Examiner's statement of reasons for allowance:

With respect to independent claims 9, 19, and 26, none of the prior art of record, taken individually or in any combination, teach inter alia, workflow tracking for content elements, wherein workflow tracking for content elements including tracking for review status and access privileges, capture and use of at least one customer's user preference, wherein the at least one customer's user preferences include an access record associated with user preferences, application of business rules to user preferences to determine future content development, wherein the application of business rules to user preferences includes input templates for input characteristics of content elements and display templates for display characteristics of content elements, access control for the content management system, wherein the access control of content management includes access control for creating,

reading, updating, deleting, and approving content elements, and metadata capture including author, date of creation and topic, wherein the metadata capture includes a taxonomy having one or more fields for categorizing content elements and corresponding keyword values for the one or more fields; applying by computer these key considerations and processes to the system design problem with the assistance of a framework showing basic content management and delivery element relationships to provide personalized content for a customer, wherein the framework includes a content delivery system and a content development and management system connected to the content delivery system, whereby such a solution to the system design problem can be produced, and wherein the personalized content is in accordance with the at least one customer's user preferences and at least one business objective; receiving planning input at the content development and management system from a planning unit, processing the planning input at the content development and management system to determine planning output and content elements, receiving planning output at the planning unit from the content development and management system, receiving content elements at the content delivery system from the content development and management system, assembling content elements at the content delivery system to determine customer output, and receiving customer output at the customer unit from the content delivery system.

The prior art references most closely resembling Applicant's claimed invention are Baxter et al (USPN 6,356,903), Swartz et al (USPN 6,236,994), and Downs et al (USPN 6,574,609).

Baxter et al disclose that content and the content's organization and format are stored separately and maintained for subsequent real time assembly, allowing the content creation function to be separated from the content design function, thereby simplifying the maintenance function. Further, Baxter et al discloses both the organizational components and the format components are stored separately from the raw content, wherein a content management system server runs an assembly procedure, to deliver requested content in a prescribed organization and format to end users utilizing computing devices. The content management system server retrieves the organizational components, format components and content from a variety of sources, and the organizational and format components, along with the content are stored in a repository and accessed via an index.

However, Baxter et al does not disclose workflow tracking for content elements, wherein workflow tracking for content elements including tracking for review status and access privileges, capture and use of at least one customer's user preference, wherein the at least one customer's user preferences include an access record associated with user preferences, application of business rules to user preferences to determine future content development, wherein the application of business rules to user preferences includes input templates for input characteristics of content elements and display templates for display characteristics of content elements,

access control for the content management system, wherein the access control of content management includes access control for creating, reading, updating, deleting, and approving content elements, and metadata capture including author, date of creation and topic, wherein the metadata capture includes a taxonomy having one or more fields for categorizing content elements and corresponding keyword values for the one or more fields; applying by computer these key considerations and processes to the system design problem with the assistance of a framework showing basic content management and delivery element relationships to provide personalized content for a customer, wherein the framework includes a content delivery system and a content development and management system connected to the content delivery system, whereby such a solution to the system design problem can be produced, and wherein the personalized content is in accordance with the at least one customer's user preferences and at least one business objective; receiving planning input at the content development and management system from a planning unit, processing the planning input at the content development and management system to determine planning output and content elements, receiving planning output at the planning unit from the content development and management system, receiving content elements at the content delivery system from the content development and management system, assembling content elements at the content delivery system to determine customer output, and receiving customer output at the customer unit from the content delivery system.

Swartz et al discloses generalized three-dimensional view of a knowledge integration system, wherein the system is able to integrate the operation of a series of information related applications, including: information retrieval, other applications/services, publishing applications and services, data applications, document managements, workflow management, and document manufacturing creation tools, including content templates and document assembly. However, Swartz et al does not disclose workflow tracking for content elements, wherein workflow tracking for content elements including tracking for review status and access privileges, capture and use of at least one customer's user preference, wherein the at least one customer's user preferences include an access record associated with user preferences, application of business rules to user preferences to determine future content development, wherein the application of business rules to user preferences includes input templates for input characteristics of content elements and display templates for display characteristics of content elements, access control for the content management system, wherein the access control of content management includes access control for creating, reading, updating, deleting, and approving content elements, and metadata capture including author, date of creation and topic, wherein the metadata capture includes a taxonomy having one or more fields for categorizing content elements and corresponding keyword values for the one or more fields.

Downs et al disclose a content distribution system deployed in a variety of consumer and business-to-business services using both new and existing

distribution channels. However, Downs et al does not disclose workflow tracking for content elements, wherein workflow tracking for content elements including tracking for review status and access privileges, capture and use of at least one customer's user preference, wherein the at least one customer's user preferences include an access record associated with user preferences, application of business rules to user preferences to determine future content development, wherein the application of business rules to user preferences includes input templates for input characteristics of content elements and display templates for display characteristics of content elements, access control for the content management system, wherein the access control of content management includes access control for creating, reading, updating, deleting, and approving content elements, and metadata capture including author, date of creation and topic, wherein the metadata capture includes a taxonomy having one or more fields for categorizing content elements and corresponding keyword values for the one or more fields.

5. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Andre Boyce whose telephone number is (571) 272-6726. The examiner can normally be reached on 9:30-6pm M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tariq Hafiz can be reached on (571) 272-6729. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



adb
September 16, 2005



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